

### Issue Classification

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**SUPERVISORY PATENT EXAMINER**

(Primary Examiner) 7-20-0 (Date)

**O.G.**  
**Print Claim(s)**

O.G.  
Print Fig.  
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| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |              |  |       |          | <input type="checkbox"/> CPA |          |  |       |          | <input type="checkbox"/> T.D. |          |  |       |          | <input type="checkbox"/> R.1.47 |  |  |  |  |
|----------------------------------------------------------------------------------------|--------------|--|-------|----------|------------------------------|----------|--|-------|----------|-------------------------------|----------|--|-------|----------|---------------------------------|--|--|--|--|
| Final                                                                                  | Original     |  | Final | Original | Final                        | Original |  | Final | Original | Final                         | Original |  | Final | Original |                                 |  |  |  |  |
| 1                                                                                      | 1            |  | 31    | 61       |                              | 91       |  | 121   | 151      |                               | 181      |  |       |          |                                 |  |  |  |  |
| 2                                                                                      | 2            |  | 32    | 62       |                              | 92       |  | 122   | 152      |                               | 182      |  |       |          |                                 |  |  |  |  |
| 3                                                                                      | 3            |  | 33    | 63       |                              | 93       |  | 123   | 153      |                               | 183      |  |       |          |                                 |  |  |  |  |
| <del>4</del>                                                                           | <del>4</del> |  | 34    | 64       |                              | 94       |  | 124   | 154      |                               | 184      |  |       |          |                                 |  |  |  |  |
| 4                                                                                      | 5            |  | 35    | 65       |                              | 95       |  | 125   | 155      |                               | 185      |  |       |          |                                 |  |  |  |  |
| 5                                                                                      | 6            |  | 36    | 66       |                              | 96       |  | 126   | 156      |                               | 186      |  |       |          |                                 |  |  |  |  |
| 6                                                                                      | 7            |  | 37    | 67       |                              | 97       |  | 127   | 157      |                               | 187      |  |       |          |                                 |  |  |  |  |
| 7                                                                                      | 8            |  | 38    | 68       |                              | 98       |  | 128   | 158      |                               | 188      |  |       |          |                                 |  |  |  |  |
| 8                                                                                      | 9            |  | 39    | 69       |                              | 99       |  | 129   | 159      |                               | 189      |  |       |          |                                 |  |  |  |  |
| 9                                                                                      | 10           |  | 40    | 70       |                              | 100      |  | 130   | 160      |                               | 190      |  |       |          |                                 |  |  |  |  |
| 10                                                                                     | 11           |  | 41    | 71       |                              | 101      |  | 131   | 161      |                               | 191      |  |       |          |                                 |  |  |  |  |
| 11                                                                                     | 12           |  | 42    | 72       |                              | 102      |  | 132   | 162      |                               | 192      |  |       |          |                                 |  |  |  |  |
| 12                                                                                     | 13           |  | 43    | 73       |                              | 103      |  | 133   | 163      |                               | 193      |  |       |          |                                 |  |  |  |  |
| 13                                                                                     | 14           |  | 44    | 74       |                              | 104      |  | 134   | 164      |                               | 194      |  |       |          |                                 |  |  |  |  |
| 14                                                                                     | 15           |  | 45    | 75       |                              | 105      |  | 135   | 165      |                               | 195      |  |       |          |                                 |  |  |  |  |
| 15                                                                                     | 16           |  | 46    | 76       |                              | 106      |  | 136   | 166      |                               | 196      |  |       |          |                                 |  |  |  |  |
| 16                                                                                     | 17           |  | 47    | 77       |                              | 107      |  | 137   | 167      |                               | 197      |  |       |          |                                 |  |  |  |  |
| 17                                                                                     | 18           |  | 48    | 78       |                              | 108      |  | 138   | 168      |                               | 198      |  |       |          |                                 |  |  |  |  |
| 18                                                                                     | 19           |  | 49    | 79       |                              | 109      |  | 139   | 169      |                               | 199      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 20           |  | 50    | 80       |                              | 110      |  | 140   | 170      |                               | 200      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 21           |  | 51    | 81       |                              | 111      |  | 141   | 171      |                               | 201      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 22           |  | 52    | 82       |                              | 112      |  | 142   | 172      |                               | 202      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 23           |  | 53    | 83       |                              | 113      |  | 143   | 173      |                               | 203      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 24           |  | 54    | 84       |                              | 114      |  | 144   | 174      |                               | 204      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 25           |  | 55    | 85       |                              | 115      |  | 145   | 175      |                               | 205      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 26           |  | 56    | 86       |                              | 116      |  | 146   | 176      |                               | 206      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 27           |  | 57    | 87       |                              | 117      |  | 147   | 177      |                               | 207      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 28           |  | 58    | 88       |                              | 118      |  | 148   | 178      |                               | 208      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 29           |  | 59    | 89       |                              | 119      |  | 149   | 179      |                               | 209      |  |       |          |                                 |  |  |  |  |
|                                                                                        | 30           |  | 60    | 90       |                              | 120      |  | 150   | 180      |                               | 210      |  |       |          |                                 |  |  |  |  |